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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/345,289	06/30/1999	SRIDHAR SRINIVASA IYENGAR	04MV1073	1050

34225 7590 09/29/2003

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EXAMINER

ANYA, CHARLES E

ART UNIT	PAPER NUMBER
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2126

DATE MAILED: 09/29/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/345,289

Applicant(s)

IYENGAR, SRIDHAR SRINIVASA

Examiner

Charles E Anya

Art Unit

2126

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 June 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1 – 17 are rejected under 35 U.S.C. 102(a) as being anticipated by Brodsky “XML Opens Application Interchange” (pages 1 – 12).

As to claim 1, Brodsky teaches method of effecting data interchange (Figure 1a page 1 lines 5 – 23, figure 5 page 6 lines 11 – 20, Figure 8 “...round trip exchange...” page 10 lines 28 – 40), a Software Tool (“...application development tools...” page 1 lines 11 – 15, “...UML design...” page 10 lines 29 – 40), a Repository (“Repositories... (IBM VisualAge TeamConnection and Unisys Universal Repository)...” page 1 line 19, DB2 Database...Universal Repository page 10 lines 29 – 40), registering and storing metadata describing a meta-model in the repository (“...UML auto model...” page 6 lines 11 – 13, “...stored...” page 10 lines 29 – 40), generating a set of rules corresponding to the metadata (“...XML generation rules...” page 3 lines 12 – 21, page 4 lines 1 – 39, XML Generation Rules page 5 lines 11 – 23, “XML’s rules for DTD...” page 6 lines 14 – 20, page 7 lines 1 – 41), generating a stream of data representing a document corresponding to the meta-model based on the set of rules (“...document generation...” page 5 lines 11 – 14, figure 5 page 6 lines 11 – 13), transmitting from the

repository the stream of data using an exporter module/ receiving at the software tool the transmitted stream of data using an importer module (page 10 lines 29 – 40).

As to claim 2, Brodsky teaches the repository as MOF-complaint (MOF page lines 17 – 21).

As to claim 3, Brodsky teaches the software tool as complaint to UML standard (“...UML tools...” page 1 lines 11 – 15, “...UML design...” page 10 lines 29 – 40).

As to claim 4, Brodsky teaches the set of rules as XML DTD corresponding to the metadata (“...XMI generation rules...” page 3 lines 12 – 21, page 4 lines 1 – 39, XMI Generation Rules page 5 lines 11 – 23, “XMI’s rules for DTD...” page 6 lines 14 – 20, page 7 lines 1 – 41).

As to claim 5, Brodsky teaches the stream of data to conform to XML Metadata Interchange standard (“...document generation...” page 5 lines 11 – 14, figure 5 page 6 lines 11 – 13).

As to claims 6,11,12,13 and 15 – 17, see the rejection of claim 1.

As to claim 7, see the rejection of claim 2.

As to claims 8 and 14, see the rejection of claim 3.

As to claim 9, see the rejection claim 4.

As to claim 10, see the rejection of claim 5.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E Anya whose telephone number is (703) 305-3411. The examiner can normally be reached on M-F (8:30-5:30) First Friday off.

The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Charles E Anya
Examiner
Art Unit 2126



**JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
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